



PCT10

#4

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/031,010

DATE: 02/07/2002
TIME: 16:17:51

Input Set : A:\USSEQLIST.TXT
Output Set: N:\CRF3\02072002\J031010.raw

ENTERED

4 <110> APPLICANT: LEHR, RUTH V.
5 SPITZFADEN, CLAUS
6 NICHOLSON, NEVILLE
7 JONES, JOANNA
9 <120> TITLE OF INVENTION: METHODS OF USING RNASE P REACTION
10 MECHANISMS OF ACTION
12 <130> FILE REFERENCE: GM50055
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/031,010
15 <141> CURRENT FILING DATE: 2001-11-13
17 <150> PRIOR APPLICATION NUMBER: PCT/US00/13946
18 <151> PRIOR FILING DATE: 2000-05-19
20 <150> PRIOR APPLICATION NUMBER: 60/134,802
21 <151> PRIOR FILING DATE: 1999-05-19
23 <150> PRIOR APPLICATION NUMBER: 60/140,044
24 <151> PRIOR FILING DATE: 1999-06-18
26 <160> NUMBER OF SEQ ID NOS: 14
28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 354
32 <212> TYPE: DNA
33 <213> ORGANISM: Staphylococcus aureus
35 <400> SEQUENCE: 1
36 atgttattgg aaaaagctta ccgaattaaa aagaatgcag attttcagag aatatataaa 60
37 aaagggtcatt ctgtagccaa cagacaattt gttgtataca cttgtaataa taaagaaata 120
38 gaccattttc gcttaggtat tagtgtttct aaaaaactag gtaatgcagt gtaagaaac 180
39 aagattaaaa gagcaatcag tgaaaatttc aaagtacata agtcgcatat attggccaaa 240
40 gatattattg taatagcaag acagccagct aaagatatga cgactttaca aatacagaat 300
41 agtcttgagc acgtacttaa aattgccaaa gtttttaata aaaagattaa gtaa 354
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 117
45 <212> TYPE: PRT
46 <213> ORGANISM: Staphylococcus aureus
48 <400> SEQUENCE: 2
49 Met Leu Leu Glu Lys Val Tyr Arg Ile Lys Lys Asn Ala Asp Phe Gly
50 1 5 10 15
51 Arg Ile Tyr Lys Lys Gly His Ser Val Ala Asn Arg Gln Phe Val Val
52 20 25 30
53 Tyr Thr Cys Asn Asn Lys Glu Ile Asp His Phe Arg Leu Gly Ile Ser
54 35 40 45
55 Val Ser Lys Lys Leu Gly Asn Ala Val Leu Arg Asn Lys Ile Lys Arg
56 50 55 60
57 Ala Ile Arg Glu Asn Phe Lys Val His Lys Ser His Ile Leu Ala Lys
58 65 70 75 80

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59 Asp Ile Ile Val Ile Ala Arg Gln Pro Ala Lys Asp Met Thr Thr Leu
60                      85                      90                      95
61 Gln Ile Gln Asn Ser Leu Glu His Val Leu Lys Ile Ala Lys Val Phe
62                      100                      105                      110
63 Asn Lys Lys Ile Lys
64                      115
67 <210> SEQ ID NO: 3
68 <211> LENGTH: 401
69 <212> TYPE: DNA
70 <213> ORGANISM: Staphylococcus aureus
72 <400> SEQUENCE: 3
73 gttctgatat tttgggtaac cgctatatatta tatagaggaa agtccatgct cacacagtct 60
74 gagatgattg tagtggtcgt gcttgatgaa acaataaatc aaggcattaa ttgacggca 120
75 atgaaatatc ctaagtcctt cgatatggat agagtaattt gaaagtgcc cagtgcgta 180
76 gcttttatag aaatataaaa ggtggaacgc ggtaaaccac tcgagtgcgc aatccaaatt 240
77 tggtaggagc acttgtttaa cggaattcaa cgtataaacg agacacactt cgcgaaatga 300
78 agtggtgtac gacagatggt tatcacctga gtaccagtgt gactagtgcg cgtgatgagt 360
79 acgatggaac agaacatggc ttatagaaat atcactacta g 401
81 <210> SEQ ID NO: 4
82 <211> LENGTH: 64
83 <212> TYPE: DNA
84 <213> ORGANISM: Staphylococcus aureus
86 <220> FEATURE:
87 <221> NAME/KEY: unsure
88 <222> LOCATION: (30)(35)((39)(40)
89 <223> OTHER INFORMATION: Wherein can be represented by a, c, t, or g
91 <400> SEQUENCE: 4
92 agactgaccc taggggtaag acttggcccn agggntatnn taacttactt taaaatgttt 60
93 tcac 64
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: Streptococcus aureus
100 <400> SEQUENCE: 5
101 cgcgaaagtgt gtctcgttta tacg 24
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 17
105 <212> TYPE: DNA
106 <213> ORGANISM: Streptococcus aureus
108 <400> SEQUENCE: 6
109 gaggaagtc catgctc 17
111 <210> SEQ ID NO: 7
112 <211> LENGTH: 24
113 <212> TYPE: DNA
114 <213> ORGANISM: Staphylococcus aureus
116 <400> SEQUENCE: 7
117 tttgttctaa ttttctcggt atgc 24
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 87

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121 <212> TYPE: DNA
122 <213> ORGANISM: Staphylococcus aureus
124 <400> SEQUENCE: 8
125 ccatagggta gggaatgaaa acattaaccc ctcaacgcat cccgaagtct tacctcagac 60
126 aaacgtttat cccatccctt acttttg                                     87
128 <210> SEQ ID NO: 9
129 <211> LENGTH: 213
130 <212> TYPE: DNA
131 <213> ORGANISM: Staphylococcus aureus
133 <400> SEQUENCE: 9
134 gttttcattc cctaccctat cttacttaa tctttttatt aaaaagaatg cagattttca 60
135 gagaatatat aaaaaaggtc attctgtagc caacagacaa tttgttgat acacttgtaa 120
136 taataaagaa atagaccatt ttcgcttagg tattagtgtt tctaaaaaac taggtaatgc 180
137 agtgттаааа асааgattaa aagagcaata cgt                                     213
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 215
141 <212> TYPE: DNA
142 <213> ORGANISM: Staphylococcus aureus
144 <400> SEQUENCE: 10
145 acgataaata acagtatggt attggaaaaa gtctaccgaa ttaaaaagaa tgcagatttt 60
146 cagagaatat ataaaaaagg tcattctgta gccaacagac aatttggtgt atacacttgt 120
147 aataataaag aaatagacca ttttcgctta ggtattagtg tttctaaaaa actaggtaat 180
148 gcagtgttaa gaacaagatt aaaagagcaa tacgt                                     215
150 <210> SEQ ID NO: 11
151 <211> LENGTH: 170
152 <212> TYPE: DNA
153 <213> ORGANISM: Staphylococcus aureus
155 <400> SEQUENCE: 11
156 gaaaatttca aagtacataa gtcgcatata ttggccaaag attgtaatag caagacagcc 60
157 agctaaagat atgacgactt tacaaatata gaatagtctt gagcacgtac ttaaaattgc 120
158 caaagttttt aataaaaaaga ttaagtaagg atagggtagg gaatgaaaac                                     170
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 93
162 <212> TYPE: RNA
163 <213> ORGANISM: Staphylococcus aureus
165 <400> SEQUENCE: 12
166 gggcgaauc gccucggcua cguagcucag uugguuagag cacaucacuc auaaugaugg 60
167 ggucacaggu ucgaaucccg ucguagccac cag                                     93
169 <210> SEQ ID NO: 13
170 <211> LENGTH: 17
171 <212> TYPE: DNA
172 <213> ORGANISM: Staphylococcus aureus
174 <400> SEQUENCE: 13
175 tgatatttct ggtaacc                                     17
177 <210> SEQ ID NO: 14
178 <211> LENGTH: 20
179 <212> TYPE: RNA
180 <213> ORGANISM: Staphylococcus aureus
182 <400> SEQUENCE: 14

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183 guucugauau uuugggaaau

20

VERIFICATION SUMMARY

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L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4